

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 280 | chaudhari.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 13:45 |
| S2 | 13 | S1 and (cluster) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 13:52 |
| S6 | 6 | S1 and (pattern near recognition) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 13:54 |
| S7 | 0 | navrati.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 13:48 |
| S8 | 941 | ramaswamy.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 13:47 |
| S9 | 21 | S8 and (cluster (pattern near recognition)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 13:57 |
| S10 | 190 | navratil.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 13:48 |
| S11 | 6 | S10 and (cluster (pattern near recognition)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:01 |
| S12 | 2 | "20030158853" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 13:50 |

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|-----|-------|---|---|----|----|------------------|
| S13 | 1 | S8 and (cluster) and (pattern near recognition) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 13:57 |
| S14 | 18 | S9 not S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 13:58 |
| S16 | 17 | S14 not S6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 13:58 |
| S17 | 0 | ibm.asci. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:01 |
| S18 | 45724 | IBM.AS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:01 |
| S19 | 21 | S18 AND (data near cluster) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:09 |
| S21 | 360 | S18 AND (cluster\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:09 |
| S22 | 2 | S21 and (data near4 (subset4\$)(sub-set\$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:04 |
| S23 | 60 | S18 AND (data near4 cluster) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:09 |
| S24 | 84 | S18 AND (data near4 cluster\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:09 |

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| S25 | 6 | S24 and (subset\$ sub-set\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:13 |
| S26 | 297 | 704/245 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:13 |
| S27 | 18 | S26 and (data datum) same (spit divide) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:20 |
| S28 | 0 | S26 and (data datum) same (unfold\$ unproject\$ unalign\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:20 |
| S29 | 0 | S26 and (estimat\$ calculat\$ anticipat\$) same (unfold\$ unproject\$ unalign\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:20 |
| S30 | 10 | S26 and (estimat\$ calculat\$ anticipat\$) same (spit divide) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:49 |
| S31 | 15 | S27 not S30 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:25 |
| S33 | 3 | S27 and S30 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:22 |
| S34 | 4 | (recursive same cluster\$) and (split same decomposition\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:56 |
| S35 | 2056 | data adj cluster\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:56 |

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| S36 | 114 | (data adj cluster\$) same (input near (data datum)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:59 |
| S37 | 0 | S36 and (predetermin\$ anticipate) same (nonoverlap\$ unfold\$ unalign\$) with (subset\$ subcat\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 14:58 |
| S38 | 1 | (data adj cluster\$) and (predetermin\$ anticipate) same (nonoverlap\$ unfold\$ unalign\$) and (subset\$ subcat\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:00 |
| S39 | 2056 | (data adj cluster\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:06 |
| S40 | 198 | S39 and (creat\$ establish\$ find calculat\$) same (subset\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:02 |
| S41 | 13 | S40 and (nonoverlap\$ non-overlap\$ unalign\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:02 |
| S42 | 657 | (creat\$ establish\$ caculat\$) same (predetermin\$ forecast\$ predict\$ estima\$) with (subset\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:09 |
| S43 | 7 | S39 and S42 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:07 |
| S44 | 121 | (creat\$ establish\$ caculat\$) near4 (predetermin\$ forecast\$ predict\$ estima\$) with (subset\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:11 |
| S45 | 4 | S44 and (data near4 cluster) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:10 |

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| S46 | 7101 | (predetermin\$ forecast\$ predict\$ estima\$) with (subset\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:11 |
| S47 | 358 | S46 and (recursiv\$ repeat) with (data) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:12 |
| S48 | 7 | S47 and S39 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:12 |
| S49 | 5 | S48 not S43 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:14 |
| S50 | 2164 | 382/181 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:14 |
| S51 | 77 | S50 and (data with cluster\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:14 |
| S52 | 1 | S51 and (creat\$ find) with (predetermin\$ estimat\$) same (subset\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:17 |
| S53 | 3 | S50 and (creat\$ find) with (predetermin\$ estimat\$) same (subset\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:18 |
| S54 | 23 | nonoveriap\$ with subset\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:32 |
| S55 | 79 | (split divide) with (data) with (recursiv\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:58 |

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| S56 | 18 | S55 and (subset set) and (data) and (cluster\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 15:59 |
| S57 | 5 | ("5734112" "5825646" "5922079" "5993050" "6058258").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/17 15:40 |
| S58 | 44 | (split divide) with (input) with (recursiv\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:01 |
| S59 | 3 | S58 and (subset set) and (data) and (cluster\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:03 |
| S60 | 13 | (split divide) with (input) same data with (recursiv\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:02 |
| S61 | 1 | S60 and cluster | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:02 |
| S62 | 28 | (split divide) same (input) same data with (recursiv\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:02 |
| S63 | 1 | S62 and cluster | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:02 |
| S64 | 237 | (split divide) same (input) same (recursiv\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:10 |
| S65 | 18 | S64 and (subset set) and (data) and (cluster\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:10 |

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| S66 | 16 | S65 not S60 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:03 |
| S67 | 2887 | (split divide) same (input) with (recursiv\$ loop) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:10 |
| S68 | 40 | S67 and (subset set) and (data) and (cluster\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:11 |
| S69 | 34 | S68 not S65 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:11 |
| S70 | 34 | S69 not S62 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:11 |
| S71 | 34 | S70 not S60 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:12 |
| S72 | 3986 | data adj2 cluster\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:17 |
| S73 | 3 | S72 and (predetermin\$) with (subset\$) with (input) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:17 |
| S74 | 7 | S72 and (predetermin\$) same (subset\$) with (input) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:17 |
| S75 | 43 | data adj2 cluster\$ and (split\$ with input) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 16:17 |

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| S76 | 3 | S75 and (predetermin\$ same subset\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 17:37 |
| S77 | 1 | "6816468".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/17 17:37 |
| S78 | 0 | ("datanear4cluster\$").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/20 09:42 |
| S79 | 9223 | data near4 cluster\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 09:43 |
| S80 | 9376 | (eigenvector vector gradient divergence (projection with coefficient\$)) same (nonoverlap\$ match\$) and (density) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 09:58 |
| S81 | 315 | S79 and S80 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 09:59 |
| S82 | 55 | S81 and (n-1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 11:00 |
| S83 | 231 | S81 and subset\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:00 |
| S84 | 103 | S83 and (threshold) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:00 |
| S85 | 44 | S84 and (n-1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 11:57 |

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| S86 | 90 | S84 and probability | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:01 |
| S87 | 44 | S85 and probability | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:01 |
| S90 | 0 | (n-1) near (threshold) with (projection and coefficient\$) and (probability with density) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:08 |
| S91 | 1 | (n-1) near (threshold) and (projection with coefficient\$) and (probability with density) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:08 |
| S92 | 8048 | spectrum adj2 analysis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:14 |
| S93 | 35 | S79 and S92 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:09 |
| S94 | 76 | S92 and (probability with density) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:15 |
| S95 | 71 | S94 not S93 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:15 |
| S96 | 0 | S95 and (data near cluster) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:15 |
| S98 | 14 | (data near cluster) and (spectrum near analysis) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:19 |

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|------|--------|--|---|----|----|------------------|
| S99 | 1 | (predetermin\$ near subset) and (vector eigenvector) same (coefficient\$) and (density same threshold) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:26 |
| S100 | 0 | (probability near threshold near density) and (projection with coefficient\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:28 |
| S101 | 0 | ((n-1) with threshold) near (probability) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:29 |
| S102 | 0 | (probability and threshold near density) and (projection with coefficient\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:28 |
| S103 | 1 | (probability and threshold near density) and (projection same coefficient\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:28 |
| S104 | 0 | ((n-1) near4 threshold) near (probability) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:29 |
| S105 | 57 | ((n-1) near4 threshold) and (probability) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 10:29 |
| S106 | 58 | ((n-1) near4 threshold\$) and (probability) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 11:02 |
| S107 | 21 | (density adj1 power adj1 spectrum) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 11:05 |
| S108 | 280738 | eigenvector and vector and density ad probability | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 12:14 |

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| S10 9 | 1 | S108 and (eigenvector same decomposition) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 11:58 |
| S11 0 | 406 | eigenvector and vector and density and probability | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 12:01 |
| S11 1 | 205 | S110 and (probability same density) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 12:02 |
| S11 2 | 30 | S111 and (threshold same (projection coefficient)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 12:02 |
| S11 3 | 1 | S108 and (predetermin\$) same (nonoverlap\$) same (subset\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 12:15 |
| S11 4 | 4 | (predetermin\$) same (nonoverlap\$) same (subset\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 12:15 |
| S11 5 | 18 | (predetermin\$) same (nonoverlap\$) and (subset\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 12:18 |
| S11 6 | 334 | (predetermin\$) and (nonoverlap\$) and (subset\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 12:18 |
| S11 7 | 41 | eigenvector\$ and projection and coefficient\$ and decomposition and density and probability and threshold | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 12:52 |
| S11 8 | 2 | "5933806".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 14:06 |

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| S11 9 | 11 | (probability near density) and (projection near coefficient) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 14:15 |
| S12 0 | 0 | (probability near threshold) and (projection near coefficient) and density | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 14:15 |
| S12 1 | 6 | (probability near threshold) and (projection same coefficient) and density | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 14:16 |
| S12 2 | 2 | "5630205".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 10:52 |
| S12 3 | 1 | (vocoder) and (signal adj adder) and (speech adj compressor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 10:54 |
| S12 4 | 3 | (vocoder) and (signal near adder) and (speech adj2 compressor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 10:55 |
| S12 5 | 213 | (wireless adj3 telephone) same (record with (telephone conversation)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 10:57 |
| S12 6 | 1 | S125 and (vocoder) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 10:57 |